

[Abstract]

[Object] Solvent-free type electrical insulating prepregs having good curing characteristics are provided.

[Constitution] Porous insulating materials or films are coated at ordinary temperature with an epoxy resin composition comprising an epoxy resin that is liquid at ordinary temperature, an ordinary temperature-curing type amine curing agent that is liquid at ordinary temperature as first curing agent, and a second curing agent formed of a finely divided latent curing agent that is solid at ordinary temperature, a curing agent microencapsulated, and/or an organic metallic salt curing agent, these agents being used singly or in combination.

[Advantage] The manufacture of the prepregs has no effect on the human body and induces no problem in environmental pollution and requires no drying facilities and no energy costs. In addition, the prepregs have prolonged storage lives and are rapidly cured when used, and the cured products obtained are excellent in electrical, mechanical, and thermal properties.